INDEX

Abedian, B. & Sonin, A. A. Theory for electric charging in turbulent pipe flow, 199–217

Arie, M. *See* Kiya, Sasaki & Arie

Booker, J. R. *See* Stengel, Oliver & Booker

Chatwin, P. C. & Sullivan, P. J. The effects of aspect ratio on longitudinal diffusivity in rectangular channels, 347–358

Cheng, H. K. *See* Edwards & Cheng

Chisnell, R. F. & Yousaf, M. The effect of the overtaking disturbance on a shock wave moving in a non-uniform medium, 523–533

Dagan, G. & Miloh, T. Free-surface flow past oscillating singularities at resonant frequency, 139–154

Davis, S. H. *See* Rosenblat, Davis & Homsy; Rosenblat, Homsy & Davis

Duin, C. A. van & Kelder, H. Reflection properties of internal gravity waves incident upon a hyperbolic tangent shear layer, 505–521

Edwards, R. H. & Cheng, H. K. The separation vortex in the Weis-Fogh circulation-generation mechanism, 463–473

Fowler, A. C. Waves on glaciers, 283–321

Goren, S. L. & Gottlieb, M. Surface-tension-driven breakup of viscoelastic liquid threads, 245–266

Gottlieb, M. *See* Goren & Gottlieb

Guttmann, A. J. *See* Van Dyke & Guttmann

Homsy, G. M. *See* Rosenblat, Davis & Homsy; Rosenblat, Homsy & Davis

Isaacson, M. de St Q. Nonlinear-wave effects on fixed and floating bodies, 267–281

Johnson, E. R. The effects of obstacle shape and viscosity in deep rotating flow over finite-height topography, 359–383

Johnson, R. S. On the oblique interaction of a large and a small solitary wave, 49–70

Jones, C. A. On flow between counter-rotating cylinders, 433–450

Kelder, H. *See* Duin & Kelder

Keller, S. R. & Skalak, R. Motion of a tank-treading ellipsoidal particle in a shear flow, 27–47

Kiya, M., Sasaki, K. & Arie, M. Discrete-vortex simulation of a turbulent separation bubble, 219–244

Lee, J. Development of mixing and isotropy in inviscid homogeneous turbulence, 155–183

MacLennan, A. S. M. & Vincent, J. H. Transport in the near aerodynamic wakes of flat plates, 185–197

Miloh, T. *See* Dagan & Miloh

Morikawa, Y. *See* Tsuji & Morikawa

Oliver, D. S. *See* Stengel, Oliver & Booker

Rosenblat, S., Davis, S. H. & Homsy, G. M. Nonlinear Marangoni convection in bounded layers. Part 1. Circular cylindrical containers, 91–122

Rosenblat, S., Homsy, G. M. & Davis, S. H. Nonlinear Marangoni convection in bounded layers. Part 2. Rectangular cylindrical containers, 123–138

Sasaki, K. *See* Kiya, Sasaki & Arie

Schneider, W. Kinematic-wave theory of sedimentation beneath inclined walls, 323–346

INDEX

Abedian, B. & Sonin, A. A. Theory for electric charging in turbulent pipe flow, 199–217

Arie, M. *See* Kiya, Sasaki & Arie

Booker, J. R. *See* Stengel, Oliver & Booker

Chatwin, P. C. & Sullivan, P. J. The effects of aspect ratio on longitudinal diffusivity in rectangular channels, 347–358

Cheng, H. K. *See* Edwards & Cheng

Chisnell, R. F. & Yousaf, M. The effect of the overtaking disturbance on a shock wave moving in a non-uniform medium, 523–533

Dagan, G. & Miloh, T. Free-surface flow past oscillating singularities at resonant frequency, 139–154

Davis, S. H. *See* Rosenblat, Davis & Homsy; Rosenblat, Homsy & Davis

Duin, C. A. van & Kelder, H. Reflection properties of internal gravity waves incident upon a hyperbolic tangent shear layer, 505–521

Edwards, R. H. & Cheng, H. K. The separation vortex in the Weis-Fogh circulation-generation mechanism, 463–473

Fowler, A. C. Waves on glaciers, 283–321

Goren, S. L. & Gottlieb, M. Surface-tension-driven breakup of viscoelastic liquid threads, 245–266

Gottlieb, M. *See* Goren & Gottlieb

Guttmann, A. J. *See* Van Dyke & Guttmann

Homsy, G. M. *See* Rosenblat, Davis & Homsy; Rosenblat, Homsy & Davis

Isaacson, M. de St Q. Nonlinear-wave effects on fixed and floating bodies, 267–281

Johnson, E. R. The effects of obstacle shape and viscosity in deep rotating flow over finite-height topography, 359–383

Johnson, R. S. On the oblique interaction of a large and a small solitary wave, 49–70

Jones, C. A. On flow between counter-rotating cylinders, 433–450

Kelder, H. *See* Duin & Kelder

Keller, S. R. & Skalak, R. Motion of a tank-treading ellipsoidal particle in a shear flow, 27–47

Kiya, M., Sasaki, K. & Arie, M. Discrete-vortex simulation of a turbulent separation bubble, 219–244

Lee, J. Development of mixing and isotropy in inviscid homogeneous turbulence, 155–183

MacLennan, A. S. M. & Vincent, J. H. Transport in the near aerodynamic wakes of flat plates, 185–197

Miloh, T. *See* Dagan & Miloh

Morikawa, Y. *See* Tsuji & Morikawa

Oliver, D. S. *See* Stengel, Oliver & Booker

Rosenblat, S., Davis, S. H. & Homsy, G. M. Nonlinear Marangoni convection in bounded layers. Part 1. Circular cylindrical containers, 91–122

Rosenblat, S., Homsy, G. M. & Davis, S. H. Nonlinear Marangoni convection in bounded layers. Part 2. Rectangular cylindrical containers, 123–138

Sasaki, K. *See* Kiya, Sasaki & Arie

Schneider, W. Kinematic-wave theory of sedimentation beneath inclined walls, 323–346

Simon, M. J. Multiple scattering in arrays of axisymmetric wave-energy devices. Part 1. A matrix method using a plane-wave approximation, 1–25

Sirivat, A. & Warhaft, Z. The mixing of passive helium and temperature fluctuations in grid turbulence, 475–504

Skalak, R. *See* Keller & Skalak

Smith, R. Non-uniform discharges of contaminants in shear flows, 71–89

Sonin, A. A. *See* Abedian & Sonin

Stengel, K. C., Oliver, D. S. & Booker, J. R. Onset of convection in a variable-viscosity fluid, 411–431

Sullivan, P. J. *See* Chatwin & Sullivan

Tsuji, Y. & Morikawa, Y. LDV measurements of an air–solid two-phase flow in a horizontal pipe, 385–409

Van Dyke, M. & Guttmann, A. J. The converging shock wave from a spherical or cylindrical piston, 451–462

Vincent, J. H. *See* MacLennan & Vincent

Warhaft, Z. *See* Sirivat & Warhaft

Yousaf, M. *See* Chisnell & Yousaf

REVIEW

Surveys in Fluid Mechanics, edited by R. Narasimha and S. M. Deshpande, 534